

Capital Projects

March 19, 1999

To: Engineering and Operations Committee—Information

From: General Manager _____

Submitted by: Gary M. Snyder
Chief Engineer _____

Subject: Capital Projects Costing Less Than \$250,000, Service Connections, and Facility Relocations or Protections

RECOMMENDATION

For information only.

DETAILED REPORT

The General Manager is required to file a quarterly report on capital projects costing less than \$250,000. This report shows the project status through the third quarter ending March 31, 1999. Appropriations 15250, 15273, 15289, 15302, and 15327 for Fiscal Years 1994/95, 1995/96, 1996/97, 1997/98, and 1998/99 respectively, have been established by the Board to fund these projects. The projects that have been authorized under these appropriations are summarized in Attachment A.

Pursuant to Section 4708 of the Administrative Code, the General Manager is required to report quarterly to the Engineering and Operations Committee on new service connections that have been approved for construction. During the third quarter ending March 31, 1999, no new service connections were authorized for construction.

Under Section 8118 (a) of the Administrative Code, the General Manager is authorized to execute any relocation or protection agreement involving an amount not exceeding \$500,000 and is required to make a quarterly report to the Engineering and Operations Committee regarding the execution of any agreement, pursuant to this authority, involving an amount in excess of \$100,000. During the third quarter ending March 31, 1999, no relocation or protection agreements involving an amount in excess of \$100,000 were executed.

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Attachment A

Attachment A

MINOR CAPITAL PROJECTS			
FISCAL YEAR 1994 - 1995			
APPROPRIATION NO. 15250			
PROJECT	ESTIMATE PROJECT COST	COST THROUGH 2/28/99	CONSTRUCTION STATUS THROUGH 3/31/99
Red Mountain Pressure Control Facility - Bypass Sleeve Valve Backup Power	115,000	26,564	Construction Scheduled for Completion in Mid-1999
Riverside Branch - Lower Feeder STA 257+90 Modify Facility and Access Road	110,000	22,425	Modification Due to be Complete in Mid- 1999
Skinner Branch - Construct 50' x 150' Metal Storage Building	240,000	43,759	Construction Scheduled for Completion in Late 1999
Completed Projects - (16)	1,321,510	1,321,510	
TOTAL	\$1,786,510	\$1,414,258	

<p align="center">MINOR CAPITAL PROJECTS FISCAL YEAR 1996 - 1997 APPROPRIATION NO. 15289</p>			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/99	CONSTRUCTION STATUS THROUGH 3/31/99
Jensen Filtration Plant - Install Scupper Gates	95,000	84,222	Installation Scheduled During Next Shut down
Skinner Filtration Plant - Seismic Upgrades of Tank Farm No. 1	147,000	27,764	Installation Scheduled for Completion in October 1999
Jensen Filtration Plant - Modifications to Module No. 3 Overflow Pipeline Discharge Structure	245,000	17,276	Construction on Hold, Pending LADWP Decision on Bull Creek.
Jensen Filtration Plant - Relocate Ammonia/ Caustic Piping	240,000	243,301	Construction Scheduled for Completion in Mid-1999
Special Services - Upgrade Plate Roller	243,000	230,436	Plate Roller Machine Received, Personnel Training in Progress, Estimated Completion in Mid-1999
La Verne Facilities - Basin Sludge Pump Valves Replacement	30,000	5,771	Project Scheduled for Completion in Mid-1999
Skinner Branch - Casa Loma Canal Acoustic Meter	245,000	73,860	Installation Scheduled for Completion in Mid-1999
Distribution System - Wide Selected Pressure Control Structures - Replace Valve Position Indicators	191,095	122,366	Replacement of Valves Scheduled for Completion in Mid-1999
Completed Projects - (10) Canceled Projects - (1)	1,296,327	1,093,468	
TOTAL	\$2,732,422	\$1,898,464	

MINOR CAPITAL PROJECTS			
FISCAL YEAR 1997 - 1998			
APPROPRIATION NO. 15302			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/99	CONSTRUCTION STATUS THROUGH 3/31/99
Diemer Filtration Plant - Asphalt Road Repair	191,000	59,175	Project Scheduled for Completion in Late 1999
Lake Skinner - Replace Stainless Steel Aerator Ring	80,000	42,352	Project Scheduled for Completion in Mid-1999
Jensen Filtration Plant - Water Loop Pressure Upgrade	60,000	33,666	Pending Coordination of Service Center Construction
Weymouth Filtration Plant - Effluent Valve Conversion at Filter Beds 1-24	220,000	166,390	Project Scheduled for Completion in Mid-1999
Jensen Filtration Plant - Sandblasting Booth Purchase and Installation	65,000	0	Estimated Completion in Mid-1999
Diemer Filtration Plant - Sludge Dewatering Drying Improvements	241,000	114,722	Remaining Improvements Scheduled for Completion in Mid-1999
Orange County Reservoir - Piezometers and Seepage Monitoring Automation	180,000	95,082	Project Scheduled for Completion in Mid-1999
Selected Pressure Control Structures - Replace Valve Position Indicators	190,095	48,317	Replacement of Valves Scheduled for Completion in Late 1999
Lake Mathews Facility - Wide Emergency Warning/Paging System	50,000	0	Project Opened
Diemer Filtration Plant - Wastewater Discharge System	184,000	54,685	Project Scheduled for Completion in Mid-1999
Allen-McColloch Pipeline (AMP) Flow Meters Upgrades	173,000	32,295	Project Scheduled for Completion in Mid-1999
Olinda Pressure Control Structure - Vibration Mitigation - Right of Way Acquisition	50,000	48,115	Project Scheduled for Completion in Mid-1999
District Service Area - Upgrade Two - Way Radio Systems	200,000	248,177	Project Complete *
Desert Branch - Purchase and Install Five Port Video Conferencing Bridge	85,000	11,937	Project Scheduled for Completion in Mid-1999
Completed Projects - (7)	764,061	678,010	
Total	\$2,733,156	\$1,632,924	* Reported individually, if completed in the last 3 months

MINOR CAPITAL PROJECTS			
FISCAL YEAR 1998 - 1999			
APPROPRIATION NO. 15327			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/99	CONSTRUCTION STATUS THROUGH 3/31/99
La Verne Facilities - Energy Conservation Projects ECM 1 and 10	85,000	1,482	Preliminary Design Scheduled for Completion in Mid-1999
Skinner Filtration Plant - Replace Air Compressors	83,039	1,325	Project Opened
Bar 97 - Enhanced Area Vehicle Testing	247,000	0	Project Opened
CRA - Cabazon and Potrero Shaft Covers	160,000	40,121	Construction Scheduled for Completion in Mid - 1999
La Verne Facilities - Weymouth Filtration Plant, Filter Effluent Chlorine Injection Modification	86,000	61,128	Project 95% Complete
Distribution System - Stationary Corrosion Reference Electrodes	210,000	107,913	As-builts Scheduled for Completion in Mid- 1999
La Verne Facilities - Upper Feeder Puddingstone Spillway, Cross Connection	205,000	15,941	Construction Scheduled for Completion in Mid-1999
Jensen Emergency Generator Load Bank Cover	35,000	2,609	Project Opened
Special Services Branch - Install Emergency Generator for the Shops	96,000	50,830	In Final Design, Estimated Project Completion in Mid-1999
Allen McColloch Pipeline Structure Precast Concrete Roof Slab Repairs	170,000	9,046	In Final Design, scheduled Project Completion in December 1999
Skinner Branch - Casa Loma Siphon Barrel One Bulkhead	110,000	93,516	Construction Scheduled for Completion in Mid-1999
Corrosion Materials Testing Facility SCADA Upgrade	60,000	30,933	Project Complete *
Riverside Branch, Upper Feeder - Santa Ana River- Repair Leaking Coupling	245,000	10,417	Final Design Phase Scheduled for Completion in Late 1999
Mills Filtration Plant - Construct V - Ditch	27,000	48,577	Project Complete *
SUB-TOTAL	\$1,819,039	\$473,838	* Reported individually, if completed in the last 3 months

MINOR CAPITAL PROJECTS FISCAL YEAR 1998 - 1999 APPROPRIATION NO. 15327			
PROJECT	ESTIMATED PROJECT COST	COST THROUGH 2/28/99	CONSTRUCTION STATUS THROUGH 3/31/99
Weymouth Filtration Plant-Domestic Water Pump Upgrade	100,000	14,147	Study Phase Completed. Project Estimated Completion in Late 1999
Water Quality Remote Monitoring	168,224	4,701	Project Scheduled for Completion in Early 2000
Video Conference System	40,000	0	Project Scheduled for Completion in Mid-1999
Skinner Filtration Plant - Repair Module 1 & 2 Flocculator Bridges	60,000	10,498	Final Design Complete
Skinner Filtration Plant - Construct Canopy Membrane Structure	130,000	82,380	Materials have been received. Installation Scheduled for Completion in Mid-1999
Iron Mountain - Transformer Oil Tank Relocation	219,900	22,064	Final Design is Complete
Weymouth Filtration Plant - Land Acquisition	225,000	224,487	Project Complete *
Diemer Filtration Plant - Land Acquisition	240,000	230,155	Project Complete *
Palos Verdes Feeder - 108 th Street PCS - Valve Replacement	185,000	0	Project Opened
Skinner Branch - San Diego Canal Acoustic Flow Meter	210,000	114,589	Project 50% Complete
Completed Projects - (0)			
TOTAL	\$3,307,163	\$1,176,859	* Reported individually, if completed in the last 3 months